

WEST et al
Appl. No. 10/524,048
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AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 10, line 24, as follows.

Embodiments of the invention will be described with reference to the following examples. Where appropriate, the following abbreviations are used.

Ac	Acetyl
DTPM	5-Acyl-1,3-dimethylbarbiturate
Ph	Phenyl
TBDMS	t-Butyldimethylsilyl
TBDPS	t-Butyldiphenylsilyl
Bn	benzyl
Bz	benzoyl
Me	methyl
DCE	1,2-dichloroethane
DCM	dichloromethane, methylene chloride
Tf	trifluoromethanesulfonyl
Ts	4-methylphenylsulfonyl, p-toluenesulfonyl
DMF	N,N-dimethylformamide
DMAP	N,N-dimethylaminopyridine
$\alpha,\beta,\alpha,\alpha$ -DMT	$\alpha,\beta,\alpha,\alpha$ -dimethoxytoluene, benzaldehyde dimethyl acetal
DMSO	dimethylsulfoxide
DTT	dithiothreitol

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DMTST	Dimethyl(methylthio)sulphoniumtrifluoro- methanesulphonate
TBAF	tetra-n-butylammonium fluoride

Please amend the paragraph beginning at page 12, line 3, as follows:

Conditions: (i) β,β - α,α -dimethoxytoluene (β,β - α,α -DMT), *p*-toluenesulphonic acid (TsOH), acetonitrile (MeCN), 76°C, 85%; (ii) Benzoylchloride (BzCl), triethylamine; DCM, 99%; (iii) methanol (MeOH)/MeCN/water, TsOH, 75°C, 98%; (iv) *t*-butyldiphenylsilylchloride (TBDPS-Cl), imidazole, pyridine, 120°C, 99%; (v) Tf₂O, pyridine, DCM, 0°C, 100%; (b) NaN₃, DMF, 16hr, RT, 99%.

Please amend the paragraph beginning at page 16, line 5, as follows:

Conditions: (i) β,β - α,α -DMT, TsOH, MeCN; (ii) 1,2-DCE, BzCl, DMAP; (iii) TsOH, MeOH/MeCN; (iv) TBDPS-Cl, DMAP, 1,2-DCE.

Delete the table at pages 39-44 in its entirety and insert the following table in lieu thereof.

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Exemplary library compounds:

Compound Number	Scaffold	R1	R2	R3	R4	R5
1	W6	X1	Z43	Y3	H	Y21
2	W6	X1	Z44	Y3	H	Y22
3	W6	X1	Z45	Y3	H	Y23
4	W6	X1	Z46	Y3	H	Y24
5	W6	X1	Z47	Y3	H	Y25
6	W6	X1	Z48	Y3	H	Y26
7	W6	X1	Z49	Y3	H	Y27
8	W6	X1	Z50	Y3	H	Y28
9	W6	X1	Z51	Y3	H	Y29
10	W6	X1	Z52	Y3	H	Y30
11	W6	X1	Z53	Y3	H	Y21
12	W6	X1	Z54	Y3	H	Y22
13	W6	X1	Z55	Y3	H	Y23
14	W6	X1	Z56	Y3	H	Y24
15	W6	X1	Z57	Y3	H	Y25
16	W6	X1	Z58	Y3	H	Y26
17	W6	X1	Z59	Y3	H	Y27
18	W6	X1	Z60	Y3	H	Y28
19	W6	X3	Z12	Y9	H	Y29
20	W6	X3	Z29	Y9	H	Y30
21	W6	X3	Z12	Y9	H	Y12
22	W6	X3	Z29	Y9	H	Y12
23	W6	X3	Z13	Y9	H	Y8
24	W6	X3	Z26	Y9	H	Y8
25	W6	X3	Z13	Y3	H	Y10

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26	W6	X3	Z26	Y3	H	Y10
27	W6	X4	Z3	Y3	H	Y8
28	W6	X4	Z17	Y3	H	Y8
29	W6	X4	Z3	Y3	H	Y10
30	W6	X4	Z17	Y3	H	Y10
31	W6	X4	Z12	Y3	H	Y9
32	W6	X4	Z29	Y3	H	Y9
33	W6	X4	Z3	Y12	H	Y8
34	W6	X4	Z17	Y12	H	Y8
35	W6	X4	Z3	Y12	H	Y10
36	W6	X4	Z17	Y12	H	Y10
37	W6	X4	Z12	Y12	H	Y9
38	W6	X4	Z29	Y12	H	Y9
39	W6	X4	Z3	Y8	H	Y3
40	W6	X4	Z17	Y8	H	Y3
41	W6	X4	Z3	Y8	H	Y12
42	W6	X4	Z17	Y8	H	Y12
43	W6	X4	Z13	Y8	H	Y9
44	W6	X4	Z28	Y8	H	Y9
45	W6	X4	Z3	Y10	H	Y3
46	W6	X4	Z17	Y10	H	Y3
47	W6	X4	Z3	Y10	H	Y12
48	W6	X4	Z17	Y10	H	Y12
49	W6	X4	Z13	Y10	H	Y9
50	W6	X4	Z26	Y10	H	Y9
51	W6	X4	Z12	Y9	H	Y3
52	W6	X4	Z29	Y9	H	Y3
53	W6	X4	Z12	Y9	H	Y12
54	W6	X4	Z29	Y9	H	Y12

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55	W6	X4	Z13	Y9	H	Y9
56	W6	X4	Z26	Y9	H	Y9
57	W6	X4	Z13	Y9	H	Y10
58	W6	X4	Z26	Y9	H	Y10
59	W6	X4	Z3	Y2	H	Y8
60	W6	X4	Z17	Y2	H	Y8
61	W6	X4	Z3	Y2	H	Y10
62	W6	X4	Z17	Y2	H	Y10
63	W6	X4	Z12	Y2	H	Y9
64	W6	X4	Z29	Y2	H	Y9
65	W6	X4	Z3	Y8	H	Y1
66	W6	X10	Z17	Y8	H	Y1
67	W6	X10	Z3	Y8	H	Y2
68	W6	X10	Z17	Y8	H	Y2
69	W6	X10	Z1	Y8	H	Y9
70	W6	X10	Z4	Y8	H	Y9
71	W6	X10	Z3	Y10	H	Y1
72	W6	X10	Z17	Y10	H	Y1
73	W6	X10	Z3	Y10	H	Y2
74	W6	X10	Z17	Y10	H	Y2
75	W6	X10	Z1	Y10	H	Y9
76	W6	X10	Z4	Y10	H	Y9
77	W6	X10	Z12	Y9	H	Y1
78	W6	X10	Z29	Y9	H	Y1
79	W6	X10	Z12	Y9	H	Y2
80	W6	X10	Z29	Y9	H	Y2
81	W6	X10	Z1	Y9	H	Y9
82	W6	X10	Z4	Y9	H	Y9
83	W6	X15	Z11	Y1	H	Y17

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84	W6	X15	Z4	Y9	H	Y10
85	W8	X6	Y8	Z33	H	Y9
86	W8	X6	Y10	Z24	H	Y19
87	W8	X6	Y7	Z18	H	Y12
88	W8	X9	Y9	Z25	H	Y3
89	W8	X9	Y19	Z1	H	Y4
90	W8	X9	Y12	Z20	H	Y13
91	W8	X12	Y3	Z25	H	Y17
92	W8	X12	Y4	Z20	H	Y11
93	W8	X12	Y13	Z20	H	Y18
94	W8	X10	Y17	Z36	H	Y8
95	W8	X10	Y11	Z42	H	Y10
96	W8	X10	Y18	Z18	H	Y13
97	W1	X6	Z33	Y4	Z37	H
98	W1	X6	Z37	H	Z33	Y3
99	W1	X6	Z42	H	Z18	Y3
100	W1	X9	Z33	Y4	Z37	H
101	W1	X9	Z37	H	Z33	Y3
102	W1	X9	Z42	H	Z18	Y3
103	W1	X12	Z33	Y4	Z37	H
104	W1	X12	Z37	H	Z33	Y3
105	W1	X12	Z42	H	Z18	Y3
106	W6	X12	Z11	Y5	H	Y1
107	W6	X12	Z16	Y5	H	Y1
108	W6	X12	Z5	Y5	H	Y1
109	W6	X12	Z11	Y17	H	Y1
110	W6	X12	Z16	Y17	H	Y1
111	W6	X12	Z5	Y17	H	Y1
112	W6	X12	Z11	Y3	H	Y1

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113	W6	X12	Z16	Y3	H	Y1
114	W6	X12	Z5	Y3	H	Y1
115	W6	X12	Z11	Y4	H	Y1
116	W6	X12	Z16	Y4	H	Y1
117	W6	X12	Z5	Y4	H	Y1
118	W6	X9	Z11	Y5	H	Y1
119	W6	X9	Z16	Y5	H	Y1
120	W6	X9	Z5	Y5	H	Y1
121	W6	X9	Z11	Y17	H	Y1
122	W6	X9	Z16	Y17	H	Y1
123	W6	X9	Z5	Y17	H	Y1
124	W6	X9	Z11	Y3	H	Y1
125	W6	X9	Z16	Y3	H	Y1
126	W6	X9	Z5	Y3	H	Y1
127	W6	X9	Z11	Y4	H	Y1
128	W6	X9	Z16	Y4	H	Y1
129	W6	X9	Z5	Y4	H	Y1
130	W6	X12	Z11	Y1	H	Y5
131	W6	X12	Z16	Y1	H	Y5
132	W6	X12	Z5	Y1	H	Y5
133	W6	X19	Z28	Y1	H	Y3
134	W6	X19	Z13	Y1	H	Y17
135	W6	X19	Z13	Y17	H	Y1
136	W6	X3	Z29	Y12	H	Y9
137	W6	X3	Z17	Y8	H	Y3
138	W6	X3	Z17	Y8	H	Y12
139	W7	X12	Z11	Y11	H	Y1
140	W7	X12	Z16	Y15	H	Y1
141	W7	X12	Z3	Y16	H	Y1

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142	W7	X8	Z11	Y11	H	Y1
143	W7	X8	Z16	Y15	H	Y1
145	W7	X8	Z3	Y16	H	Y1
146	W7	X15	Z11	Y11	H	Y1
147	W7	X15	Z16	Y15	H	Y1
148	W7	X15	Z3	Y16	H	Y1
149	W7	X17	Z11	Y4	H	Y1
150	W7	X15	Z7	H	Y4	Y17
151	W7	X15	Z31	H	Y4	Y17
152	W7	X15	Z9	H	Y4	Y17
153	W7	X15	Z32	H	Y4	Y17
154	W6	X15	Z42	Y6	Y1	H
155	W6	X15	Z37	Y20	Y1	H
156	W6	X15	Z39	Y2	Y1	H
157	W6	X14	Z42	Y6	Y8	H
158	W6	X14	Z37	Y20	Y8	H
159	W6	X6	Z17	Y8	Y3	H
160	W2	X8	H	Z13	Y4	Y1
161	W2	X8	H	Z16	Y4	Y1
162	W3	X15	Z36	Y4	H	Z37
163	W3	X5	Z11	Y4	H	Z33
164	W3	X5	Z8	Y4	H	Z24
165	W3	X5	Z36	Y4	H	Z37
166	W3	X1	Z11	H	H	Z33
167	W3	X1	Z8	H	H	Z24
168	W3	X1	Z36	H	H	Z37
169	W3	X15	Z11	Y4	H	Z33
170	W3	X15	Z8	Y4	H	Z24
171	W4	X12	Z10	Y4	Y8	H

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172	W4	X12	Z41	Y8	Y3	H
173	W5	X8	Y17	Z13	Y4	H
174	W5	X8	Y17	Z16	Y4	H
175	W9	X22	Y4	Z3	Absent	H
176	W9	X23	Y5	Z11	Absent	H
177	W9	X26	Y8	Z3	Absent	H
178	W9	X21	Y17	Z11	Absent	H
179	W10	X3	Y6	H	Absent	Z25
180	W10	X5	Y12	H	Absent	Z30
181	W10	X10	Y19	H	Absent	Z40
182	W11	X6	Z25	H	Absent	Y6
183	W11	X8	Z30	H	Absent	Y12
184	W11	X10	Z40	H	Absent	Y19